TITYUS

Active Protection System for armored vehicles in urban warfare scenarios

The modern urban battlefield presents significant risks to light/medium infantry fighting and armored vehicles (IFV/AFV). These vehicles are vulnerable to attack by anti-tank weapons, such as short and medium-range missiles, as well as a range of rocket-propelled grenades (RPG) that can be fired from a very close range. An active protection system is required to eliminate these threats, and provide effective protection for the crew and vehicle.

Elbit Systems' TITYUS Active Protection System (APS) is a cost-effective solution that is mounted on the roof of the vehicle as an extra layer of vehicle protection. TITYUS utilizes a modular add-on approach that makes it suitable for a broad range of armored vehicles.

The APS encompasses two main subsystems - a detection and threat tracking system as well as an interception system. Lightweight and easy to install, TITYUS offers superior protection from a wide array of threats, as well as precise interception capabilities with minimal collateral damage.

The TITYUS APS can be easily integrated with Elbit Systems' Defender soft kill system, allowing for the utilization of existing features such as detection capabilities and electronic infrastructure.

Elbit Systems
Land and C4I

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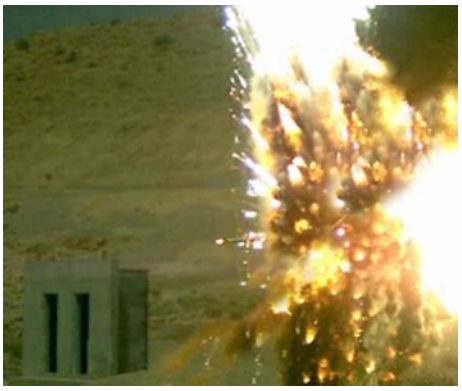

Key Features

- Suits all vehicle types by utilizing a modular, add-on approach
- Protects against a large spectrum of threats
- Simple and reliable - without any moving parts
- Two independent detection systems for added safety
- Enhanced safety - interception system is armed only prior to firing
- Lightweight - less than 250Kg
- Easy reloading by crew

Key Benefits

- Eliminates RPGs fired from a very short distance
- Lightweight and easy to install
- Effective crew and vehicle protection against anti-tank missiles
- Minimal collateral damage
- Low cost

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